

## Datasheet for JibFlex: JF 500-3

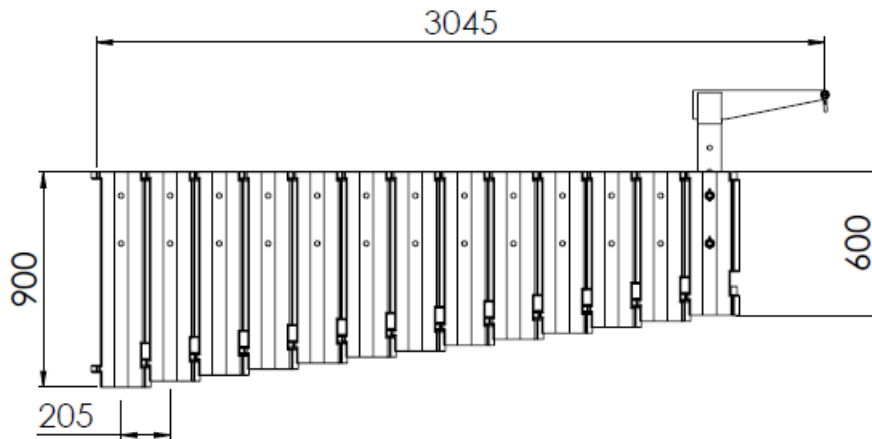
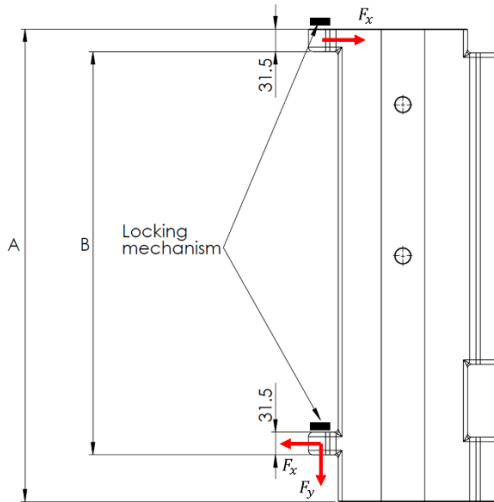


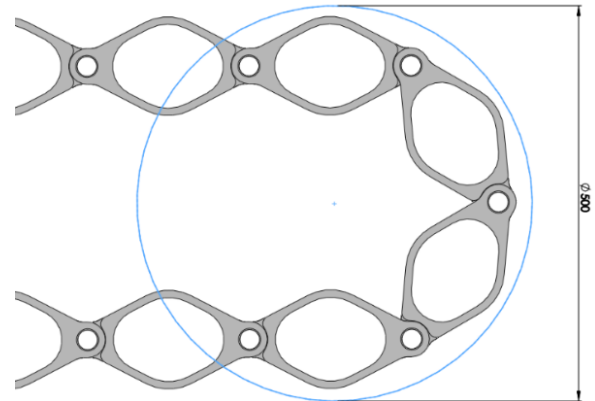
Figure 1: Basic dimensions of JF 500-3.

The lifting eye, called the stork, can be mounted in any module allowing optimisation of every lift. The WLL and radius can be seen in the table below:

Module No.	1	2	3	4	5	6	7	8	9	10	11	12	13
Lifting Radius [m]	0.585	0.790	0.995	1.200	1.405	1.610	1.815	2.020	2.225	2.430	2.635	2.840	3.045
WLL [kg]	500	500	500	500	500	500	500	500	500	500	500	500	500
Profile Height [m]	0.900	0.875	0.850	0.825	0.800	0.775	0.750	0.725	0.700	0.675	0.650	0.625	0.600
Profile Mass [kg]	15.7	15.3	14.9	14.5	14.0	13.6	13.2	12.8	12.3	11.9	11.5	11.1	10.7
Deflection from WLL [m]	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02



**Figure 2:** Following structural requirements applies to the supporting structure. The reactions are omnidirectional and without safety factor.



**Figure 3:** The JibFlex has a bending radius of 250 mm.

Specifications		
<b>Weight of JibFlex</b>		
• JibFlex modules	kg	170
• Stork	kg	12
• Total	kg	182
<b>WLL at last module</b>	kg	500
<b>Max radius</b>	m	3
<b>Maximum deflection cause by WLL</b>	m	0.02
<b>Safety factor including DAF</b>	-	1.95
<b>Maximum hoist speed</b>	m/s	Unlimited
<b>Installation requirements</b>		
• A	m	0.9
• B	m	0.808
• Fx	N	28000
• Fy	N	8200
<b>Bending Radius</b>	m	0.25